

## No Go on JP-8+100

Some fuel additives are good and some are not. Some are **good and bad**. The +100 fuel additive that the Air Force adds to JP-8 is OK for its aircraft, but it's bad for Army ground vehicles and equipment.

The Air Force uses +100 additive partly because it leaves less engine deposits, like carbon, and reduces engine coking. That's good.

But when the +100 additive gets into ground equipment, it lets water pass with the fuel through the fuel filter elements. That's not good because water can damage engines.

The +100 fuel additive gets into Army equipment when it is re-fueled accidentally by Air Force activities or during joint military exercises.

If you suspect +100 contamination, notify the Army Petroleum Center (APC) at New Cumberland, PA. They can tell you how to protect your equipment and how to get rid of the JP-8+100. Contact Del Leese at DSN 977-8580, (717) 770-8580 or e-mail:

dleese@usapc-emh1.army.mil

## Fuel Additive

Army aircraft can operate with JP-8+100 with no problems, but must be refueled at least three times with regular JP-8 to dilute the additive's concentration and purify their fuel systems.

If you know an aircraft has the additive, and it must be de-fueled for maintenance, keep that fuel separate. Either put it back into the same aircraft or dispose of it as hazardous waste. Never put that fuel into the bulk fuel storage

system where it can get into ground vehicles.

If you know of ground equipment that already has JP-8+100, de-fuel the vehicle and treat the fuel as hazardous waste. Refuel the vehicle with one tankful of JP-8, use the entire tank, and then immediately replace all fuel filter elements.

This +100 warning is in DA Msg DALO-ZA R141139Z Apr 00.

